Figure 1A Network Configuration

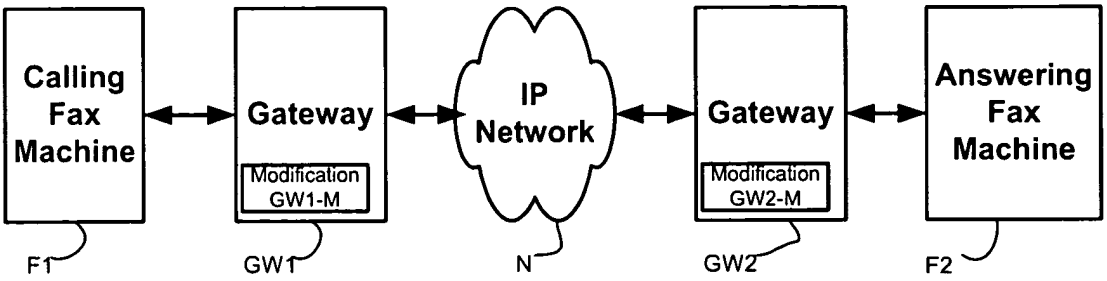


Figure 1B

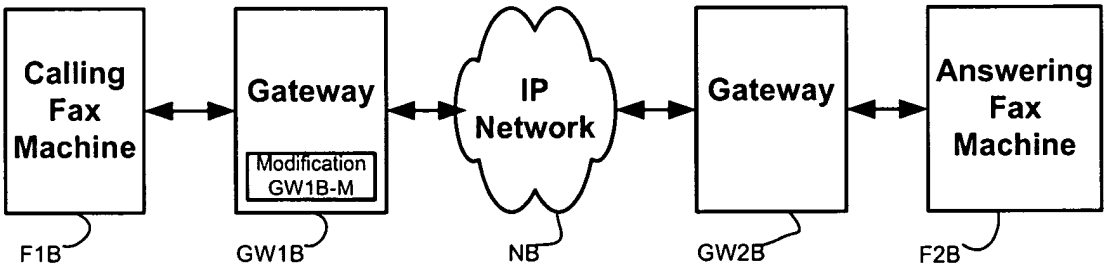


Figure 2

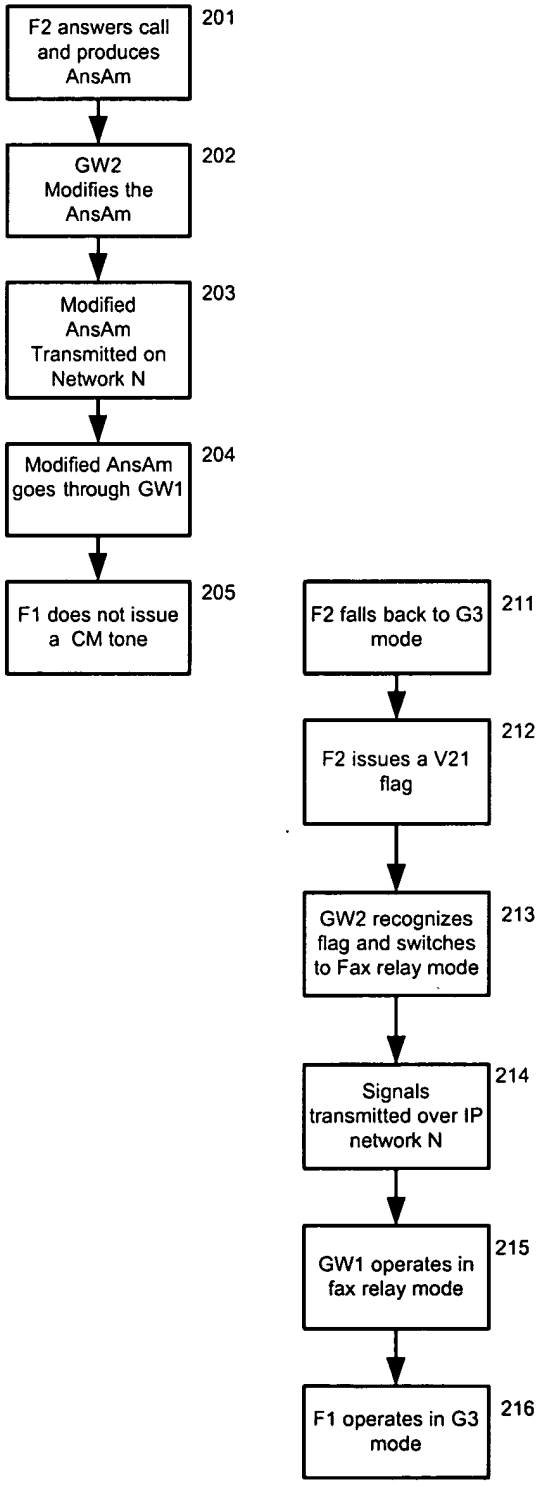
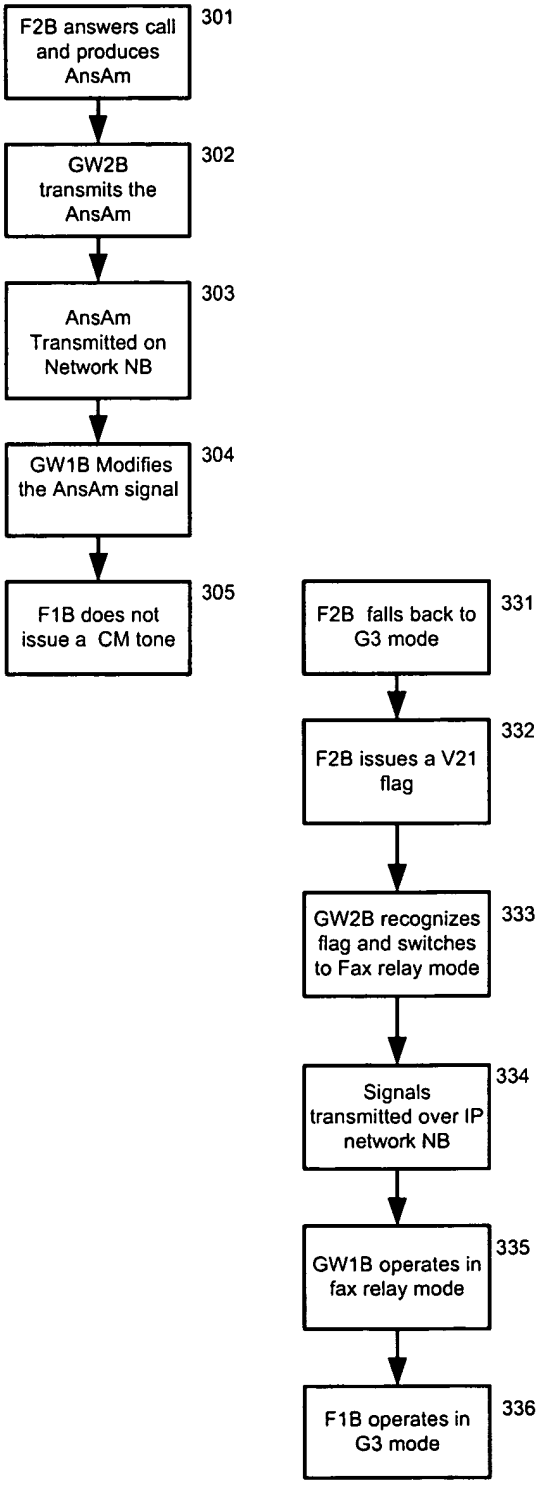
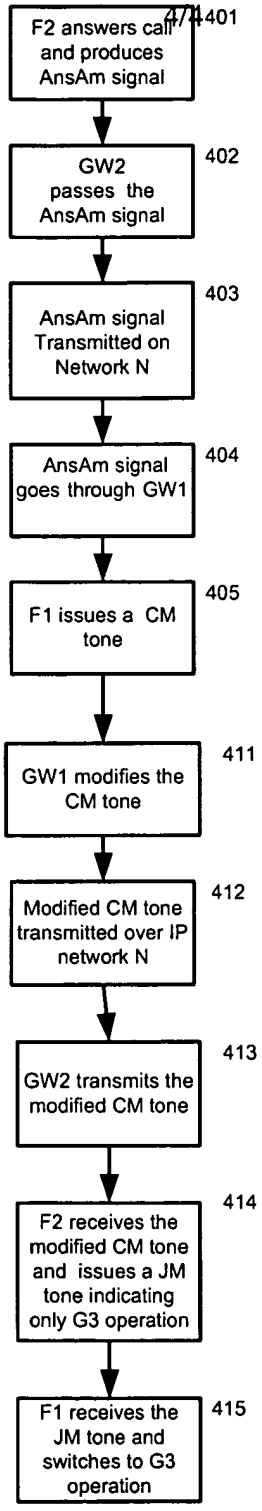

F2 answers call and produces AnsAm
201
GW2 Modifies the AnsAm
202
Modified AnsAm Transmitted on Network N
203
Modified AnsAm goes through GW1
204
F1 does not issue a CM tone
205
F2 falls back to G3 mode
211
F2 issues a V21 flag
212
GW2 recognizes flag and switches to Fax relay mode
213
Signals transmitted over IP network N
214
GW1 operates in fax relay mode
215
F1 operates in G3 mode
216

Figure 3


F2B answers call and produces AnsAm
301
GW2B transmits the AnsAm
302
AnsAm Transmitted on Network NB
303
GW1B Modifies the AnsAm signal
304
F1B does not issue a CM tone
305
F2B falls back to G3 mode
331
F2B issues a V21 flag
332
GW2B recognizes flag and switches to Fax relay mode
333
Signals transmitted over IP network NB
334
GW1B operates in fax relay mode
335
F1B operates in G3 mode
336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F2 answers call and produces AnsAm signal
401
GW2 passes the AnsAm signal
402
AnsAm signal Transmitted on Network N
403
AnsAm signal goes through GW1
404
F1 issues a CM tone
405
GW1 modifies the CM tone
411
Modified CM tone transmitted over IP network N
412
GW2 transmits the modified CM tone
413
F2 receives the modified CM tone and issues a JM tone indicating only G3 operation
414
F1 receives the JM tone and switches to G3 operation
415

Figure 4